



PATENT

IN THE UNITED STATES

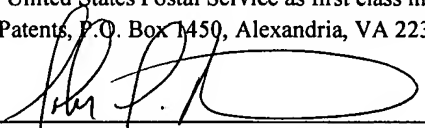
PATENT AND TRADEMARK OFFICE

APPLICANT(S): Yaochu Jin *et al.*
APPLICATION NO.: 10/007,734
FILING DATE: November 9, 2001
TITLE: Approximate Fitness Functions
EXAMINER: George B. Davis
GROUP ART UNIT: 2121
ATTY. DKT. NO.: 23077-06445

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below:

Dated: September 16, 2004

By: 
John T. McNelis, Reg. No.: 37,186

MAIL STOP AMENDMENT
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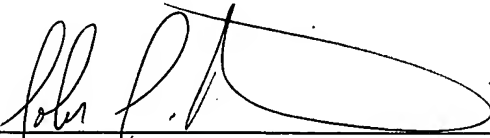
LETTER TO THE CHIEF DRAFTSPERSON

SIR:

Please substitute the enclosed two (2) sheets of formal drawings containing Figures 1 and 3 or the two (2) sheets of drawings containing Figures 1 and 3 previously submitted.

Respectfully submitted,
Yaochu Jin *et al.*

Dated: September 16, 2004

By: 
John T. McNelis, Reg. No: 37,186
Fenwick & West LLP
Silicon Valley Center
801 California Street
Mountain View, CA 94041
Tel.: (650) 335-7133
Fax.: (650) 938-5200

0001/PTO
Rev. 10/95

U.S. Department of Commerce
Patent and Trademark Office

Application Number

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Filing Date

November 9, 2001

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First Named Inventor

Yaochu Jin

SEP 22

Group Art Unit Number

2121

Technology Center

Examiner Name

George B. Davis

TRANSMITTAL FORM

(to be used for all correspondence during pendency of
filed application)

Total Number of Pages in This Submission

22

Attorney Docket Number

23077-06445

ENCLOSURES (check all that apply)

☒ Fee Transmittal Form (in duplicate)

☐ Check Enclosed

☒ Return Receipt Postcard

☐ Response to Notice to File Missing Parts

☐ Assignment & Recordation Cover Sheet

☐ Declaration

☐ Power of Attorney

☐ Application Data Sheet

☐ Information Disclosure Statement & PTO/SB/08A

☐ Copies of IDS Cited References

☐ Request for Corrected Filing Receipt

☐ Request for Correction of Recorded Assignment

☒ Response and Amendment A: 16 Pages including 2
Annotated Marked-Up Drawings

☐ After Final

☐ Status Request

☐ Revocation and Substitute Power of Attorney

☐ Issue Fee Transmittal

☒ Letter to Chief Draftsperson

☒ Replacement Drawing(s):

[2] Sheet(s) of Figures 1 and 3

☐ Appeal Communication to Board of Appeals and
Interferences

☐ Appeal Communication to Group
(Appeal Notice, Brief, Reply Brief)

☐ Certified Copy of Priority Document(s)

☐ After Allowance Communication to Group

REMARKS:

SIGNATURE OF ATTORNEY OR AGENT

Signature:

Attorney/Reg. No.:

John T. McNelis, Reg. No. 37,186

Dated:

September 16, 2004

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I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.

Signature:

Typed or Printed Name:

John T. McNelis

Dated:

September 16, 2004

Express Mail Mailing Number (optional):

23077/06445/DOCS/1466169.1

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<h1 style="margin:0;">FEE TRANSMITTAL</h1> <h2 style="margin:0;">for FY 2004</h2> <p style="margin:0; font-size: small;">Patent fees are subject to annual revision.</p>		<p style="margin:0; font-size: x-small;">Complete if Known</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td style="width:50%;">Application Number</td><td>10/007,734</td></tr> <tr><td>Filing Date</td><td>November 9, 2001</td></tr> <tr><td>First Named Inventor</td><td>Yaochu Jin</td></tr> <tr><td>Examiner Name</td><td>George B. Davis</td></tr> <tr><td>Art Unit</td><td>2121</td></tr> <tr><td>Attorney Docket No.</td><td>23077-06445 Technology Center 210</td></tr> </table>		Application Number	10/007,734	Filing Date	November 9, 2001	First Named Inventor	Yaochu Jin	Examiner Name	George B. Davis	Art Unit	2121	Attorney Docket No.	23077-06445 Technology Center 210
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<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		RECEIVED SEP 22 2004													
TOTAL AMOUNT OF PAYMENT (\$) 0															

<p>METHOD OF PAYMENT (check all that apply)</p> <p> <input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input checked="" type="checkbox"/> None </p> <p>Deposit Account: _____</p> <p>Deposit Account Number: 19-2555</p> <p>Deposit Account Name: Fenwick & West LLP</p> <p>The Commissioner is authorized to: (check all that apply)</p> <p> <input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments </p> <p> <input checked="" type="checkbox"/> Charge all required fee(s) or any underpayment of fee(s) due under 37 CFR §1.16 or §1.17 during the pendency of this application </p> <p> <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee </p> <p>to the above-identified deposit account.</p> <hr/> <p style="text-align: center;">FEE CALCULATION</p> <p>1. BASIC FILING FEE</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td></td></tr> <tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td></td></tr> <tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td></td></tr> <tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td></td></tr> <tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL (1)</td> <td>(\$)</td> <td>0</td> </tr> </tbody> </table> <p>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th colspan="2">Total Claims</th> <th colspan="2">Extra Claims</th> <th colspan="2">Fee from below</th> <th colspan="2">Fee Paid</th> </tr> </thead> <tbody> <tr> <td>11</td> <td>-20**= 0</td> <td>x</td> <td>18</td> <td>=</td> <td>0</td> <td></td> <td></td> </tr> <tr> <td>1</td> <td>-3**= 0</td> <td>x</td> <td>88</td> <td>=</td> <td>0</td> <td></td> <td></td> </tr> <tr> <td colspan="4"></td> <td>=</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>**Reissue independent claims over original patent</td><td></td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>**Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL (2)</td> <td>(\$)</td> <td>0</td> </tr> </tbody> </table> <p style="font-size: x-small;">**or number previously paid, if greater; For Reissues, see above</p>	Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1001	770	2001	385	Utility filing fee		1002	340	2002	170	Design filing fee		1003	530	2003	265	Plant filing fee		1004	770	2004	385	Reissue filing fee		1005	160	2005	80	Provisional filing fee		SUBTOTAL (1)				(\$)	0	Total Claims		Extra Claims		Fee from below		Fee Paid		11	-20**= 0	x	18	=	0			1	-3**= 0	x	88	=	0							=				Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1202	18	2202	9	Claims in excess of 20		1201	86	2201	43	Independent claims in excess of 3		1203	290	2203	145	Multiple dependent claim, if not paid		1204	86	2204	43	**Reissue independent claims over original patent		1205	18	2205	9	**Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)				(\$)	0	<p style="text-align: center;">FEE CALCULATION (continued)</p> <p>3. 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unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>640</td><td>2503</td><td>320</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(g)</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr> <td colspan="4">Other fee (specify) _____</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL (3)</td> <td>(\$)</td> <td>0</td> </tr> </tbody> </table> <p style="font-size: x-small;">*Reduced by Basic Filing Fee Paid</p>	Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1051	130	2051	65	Surcharge - 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1502	480	2502	240	Design issue fee																																																																																																																																																																																																																																																																																																																							
1503	640	2503	320	Plant issue fee																																																																																																																																																																																																																																																																																																																							
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																																																																																																																																																							
1807	50	1807	50	Processing fee under 37 CFR 1.17(g)																																																																																																																																																																																																																																																																																																																							
1806	180	1806	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																																																																																																																																							
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																																																																																																							
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																																																																																																																																							
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																																																																																																																																							
1801	770	2801	385	Request for Continued Examination (RCE)																																																																																																																																																																																																																																																																																																																							
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																																																																																																																																																							
Other fee (specify) _____																																																																																																																																																																																																																																																																																																																											
SUBTOTAL (3)				(\$)	0																																																																																																																																																																																																																																																																																																																						

SUBMITTED BY			Complete (if applicable)	
Name (Print/Type)	John T. McNelis	Registration No. (Attorney/Agent)	37,186	Telephone (650) 335-7133
Signature				Date
				September 16, 2004

23077/06445/DOCS/1466164.1